CLAIMS

1. A solid dispersion comprising tacrolimus and solid surfactant having a property of hydrophile lipophile balance (HLB) value higher than or equal to about 7.

2. The solid dispersion according to claim 1, wherein the surfactant is at least one selected from the group consisting of sodium lauryl sulfate (HLB=40), poloxamers (HLB≥7), and sucrose fatty acid esters (18≥HLB≥7).

3. The solid dispersion according to claim 1, the tacrolimus and the solid surfactant are mixed by weight in a ratio of about 1: 0.1 to about 1: 100.

4. The solid dispersion according to any one of claim 1 through claim 3, comprising additives, without a function of a carrier, of more than one selected from the group consisting of pharmaceutically acceptable excipients, disintegrators, coloring agents, flavouring agents, sweetening agents and lubricants.

5. A method of processing a solid dispersion comprising;

dissolving or dispersing tacrolimus and solid surfactant (HLB≥7) in solvent that is at least one selected from the group consisting of ethanol, isopropyl alcohol, dichloromethane and chloroform to produce a solution ; and,

drying the solution.

6. The method of claim 5, further comprising;

adding additives, without a function of a carrier, of at least one selected from the group consisting of pharmaceutically acceptable excipients, disintegrators, coloring agents, flavouring agents, sweeting agents and lubricants to the solution.

7. A method of processing a solid dispersion, comprising;

dissolving or dispersing tacrolimus and solid surfactant (HLB≥7) in solvent that is at least one selected from the group consisting of ethanol, isopropyl alcohol, dichloromethane and chloroform to produce a solution ; and

spraying the solution on additives, without a function of the carrier, of at least one selected form the group consisting of pharmaceutically acceptable excipients, disintegrators, coloring agents, flavouring agents, sweetening agents and lubricants for producing a granule.